Bassett, USSN: Not Yet Assigned

Art Unit: Not Yet Assigned

Amendments to and Listing of the Claims:

Please cancel claims 1-35 and add the following new claims 36-70.

A cutting tool adjustment system compromising a body for adjustably holding

a cutting tool, adjustment means mechanically releasably engageable with the body for

positionially adjusting a cutting edge of the cutting tool, and means electronically

releasably engageable with the body and including power supply means for at least

powering means providing information as to adjustment made, in use, to said cutting

edge position by said adjustment means.

37. The system as claimed in Claim 36, wherein the means providing information

as to the adjustment made to the cutting tool edge position is a visual display.

38. The system as claimed in Claim 37, wherein the visual display is an electronic

display.

39. The system as claimed in Claim 38 wherein the visual display is part of the

means electronically releasably engageable with the body.

40. The system as claimed in Claim 39, wherein the visual display shows the

adjustment as the adjustment means is operated.

41. The system as claimed in Claim 39, wherein the visual display shows a pre-

programmed amount of adjustment.

Bassett, USSN: Not Yet Assigned

Art Unit: Not Yet Assigned

42. The system as claimed in Claim 41, wherein the adjustment means is motor

driven and the pre-programmed amount of adjustment is effected automatically upon

engagement of the electronically engageable means with the body.

43. The system as claimed in Claim 41, wherein the adjustment means is

manually operated and at least one LED turns on or off to indicate when said pre-

programmed amount of adjustment has been effected.

44. The system as claimed in Claim 37, wherein the visual display is an LCD.

45. The system claimed in Claim 36, wherein the means providing information as

to the adjustment made to the cutting edge position is a simulated voice output.

46. The system as claimed in Claim 37, wherein the display is provided with a

scale, adjustment of the cutting edge position being shown by way of an increasing or

decreasing bar.

47. The system as claimed in Claim 37, wherein the visual display is part of a

display module, spaced from the adjustment means and the means engageable with the

body, and incorporating a receiver for a signal transmitted from the body or the means

engageable therewith.

Bassett, USSN: Not Yet Assigned

Art Unit: Not Yet Assigned

48. The system as claimed in Claim 46, wherein the visual display is an LCD

screen.

49. The system as claimed in Claim 47, wherein the display module is a hand-

held, battery-powered device.

50. The system as claimed in Claim 36, wherein the adjustment means is fitted to

the means electronically engageable with the body to define an adjuster tool.

51. The system as claimed in Claim 50, wherein the adjuster tool is engaged with

the body, operation of said adjustment means turns an adjusting screw controlling the

position of the cutting edge.

52. The system as claimed in Claim 50, wherein when the adjuster tool is

engaged with the body, there is at least one electrical contact therebetween.

53. The system as claimed in Claim 52, wherein the adjuster tool includes power

supply means which by way of said at least one electrical contact supplies power to the

body.

54. The system as claimed in Claim 53, wherein the power supply is provided by

a battery.

Bassett, USSN: Not Yet Assigned

Art Unit: Not Yet Assigned

55. The system as claimed in Claim 54, wherein said battery is rechargeable.

56. The system as claimed in Claim 53, wherein the body contains electronic

circuitry which generates a signal voltage dependent upon the amount of adjustment of

the cutting tool edge.

57. The system as claimed in Claim 56, wherein the relationship between the

amount of adjustment of the cutting tool edge and the signal voltage generated is non-

linear.

58. The system as claimed in Claim 56, wherein said electronic circuitry regulates

and applies an output from an electronic position sensor monitoring the position of said

cutting tool edge.

59. The system as claimed in Claim 56, wherein the power from the adjuster tool

is passed via one electrical input contact to the electronic circuitry on the body, whilst

said output signal voltage is made available at a second electrical contact between the

body and the adjuster tool.

60. The system as claimed in Claim 59, wherein the body acts as a common

ground/earth connection.

Bassett, USSN: Not Yet Assigned

Art Unit: Not Yet Assigned

61. The system as claimed in Claim 56, wherein the signal voltage is processed

by an electronic circuit located in the adjuster tool.

62. The system as claimed in Claim 61, wherein the electronic circuit is in a

handle of the adjustment means.

63. The system as claimed in Claim 42, wherein the adjustment means is fitted to

the means electronically engageable with the body to define an adjuster tool which has

a rocker switch for 'up/down' adjustment of the cutting tool edge.

64. The system as claimed in Claim 36, wherein the adjustment means is

separate from the means electronically engageable with the body and is not fitted

thereto, in use.

65. The system as claimed in Claim 64, wherein the means electronically

engageable with the body contains power supply means and electrical contact means

for engagement with electrical contact means of the body, as well as visual display

means.

66. The system as claimed in Claim 65, wherein the body has said electrical

contact means spaced from internal adjustment screw means for receiving an

interengaging adjusting part of the adjustment means.

Bassett, USSN: Not Yet Assigned

Art Unit: Not Yet Assigned

67. The system as claimed in Claim 36, in which the body is a cartridge.

- 68. The system as claimed in Claim 36, wherein the body is a bush unit.
- 69. The system as claimed in Claim 67, wherein the cartridge is for a boring bar.
- The system as claimed in Claim 67, wherein the cartridge is for a reaming tool.